

CLAIMS

1. A communication system having an authentication function  
using authentication information and enabling communications  
5 to be conducted at least between two communication machines,  
the communication system comprising:

a communication section for wirelessly supplying the  
authentication information to at least one of the at least two  
communication machines.

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2. The communication system according to claim 1, wherein  
the communication section is installed in the specific  
communication machine of the at least two communication  
machines.

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3. The communication system according to claim 2, wherein  
the communication section installed in the specific  
communication machine supplies the authentication information  
to the communication machine other than the specific  
20 communication machine, of the at least two communication  
machines.

4. The communication system according to claim 1, wherein  
the communication section is installed separately from the at  
25 least two communication machines.

5. The communication system according to claim 1, wherein  
the communication section comprises an external interface and  
receives the authentication information via the external  
5 interface.

6. The communication system according to claim 5, wherein  
the communication section receives the authentication  
information retained on a memory card connected to the external  
10 interface via the external interface.

7. The communication system according to claim 1, wherein  
the at least one communication machine comprises:  
15 a function of performing authentication with the  
communication section using first authentication information  
uniquely predetermined for each communication machine; and  
a function of performing authentication between the at  
least two communication machines using second authentication  
information different from the first authentication  
20 information.

8. The communication system according to claim 1, wherein  
the authentication information includes:  
fixed authentication information predetermined for each  
25 communication machine and used between the communication

section and the at least one communication machine; and  
variable authentication information generated  
arbitrarily and used for communications between the at least  
two communication machines.

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9. The communication system according to claim 1, wherein  
the authentication information is address information or  
password information of the communicating party.

10 10. The communication system according to any one of claims  
1 to 9, wherein the communications between the at least two  
communication machines or communications between the at least  
one communication machine and the communication section are  
wireless communications conforming to Bluetooth standard.

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11. A communication method having an authentication function  
using authentication information and enabling communications  
to be conducted at least between two communication machines,  
the communication method comprising:

20 a supplying step of wirelessly supplying the  
authentication information to at least one of the at least two  
communication machines.

12. The communication method according to claim 11, wherein  
25 the supplying step is executed between the specific

communication machine of the at least two communication machines and the communication machine other than the specific communication machine, of the at least two communication machines.

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13. The communication method according to claim 11, wherein the method further comprises a first authentication step of authenticating the at least one communication machine using first authentication information uniquely predetermined for  
10 the at least one communication machine, and

wherein, if the at least one communication machine is authenticated in the first authentication step, the authentication information is supplied to the at least one communication machine.

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14. The communication method according to claim 13, wherein the method further comprises a second authentication step of authenticating the at least two communication machines using second authentication information different from the first authentication information received by the at least one communication machine.  
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15. The communication method according to any one of claims 11 to 14, wherein the communications between the at least two communication machines or communications with the at least one  
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communication machine are wireless communications conforming to Bluetooth standard.

16. A communication machine having a function of performing  
5 authentication as to whether or not mutual communications can be conducted using authentication information and starting communications after the authentication, the communication machine comprising:

means for wirelessly acquiring the authentication  
10 information.